



T088-231BCC

CofC

April 29, 2004

To: Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attn: Publishing Division  
Certificate of Correction Branch

From: George O. Saile, Reg. No. 19,572  
28 Davis Avenue  
Poughkeepsie, N.Y. 12603

Subj: Serial No. 09/654,776                      F/D: 9/5/00  
Patent No. 6,724,036                      Issued 4/20/04  
Inventor: Chia-Ta Hsieh, Di-Son Kuo, Yai-Fen Lin, Chrong Jung Lin, Jong Chen,  
Hung-Der Su

Certificate  
MAY 05 2004  
of Correction

# REQUEST FOR CERTIFICATE OF CORRECTION

Dear Sir:

Pursuant to 37 C.F.R. 1.322, a Certificate of Correction is requested for the above identified issued US Patent.

Due to an Office mistake, the Title was reproduced incorrectly on the cover sheet. The complete and correct Title is --Stacked-Gate Flash Memory Cell With Folding Floating Gate And Increased Coupling Ratio--. The word omitted from the title has been underlined. It is clear the mistake was made by the Office because the Title was correct

MAY 05 2004

on the Part B-Issue Fee Transmittal Form and a Response Final Office Action, as amended by the Examiner. Copies of the Forms are attached.

Form PTO-1050 has been completed, as required by MPEP S1485, indicating the correction to the Title. No fee is included since this error was due to an Office mistake. Please issue the Certificate of Correction to correct this error.

If there are any questions, please contact the undersigned attorney at (845) 453-5863. Thank you for your attention to this matter.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'S. B. Ackerman', with a large, stylized 'O' or loop at the end.

Stephen B. Ackerman, Reg. No. 37,761

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed when appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

28112 7590 12/19/2003

GEORGE O. SAILE & ASSOCIATES  
 28 DAVIS AVENUE  
 POUGHKEEPSIE, NY 12603



Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

<u>Stephen B. Ackerman</u>	(Depositor's name)
<u>[Signature]</u>	(Signature)
<u>January 13, 2004</u>	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/654,776	09/05/2000	Chia-Ta Hsieh	TSMC98-231B	9675

TITLE OF INVENTION: A STACKED-GATE FLASH MEMORY CELL WITH FOLDING FLOATING GATE AND INCREASED COUPLING RATIO

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	03/19/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
LOKE, STEVEN HO YIN	2811	257-316000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. George O. Saile  
 2. Stephen B. Ackerman  
 3. \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Taiwan Semiconductor  
Manufacturing Company

Hsin-Chu, Taiwan

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☐ Publication Fee☒ Advance Order - # of Copies 3

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment  
 Deposit Account Number 17-0033 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

21 December 2001

To: Commissioner of Patents and Trademarks  
Washington, DC 20231

ATTN: Group Art Unit: 2811 LOKE, S.

From: George O. Saile, Reg. No. 19,572  
20 McIntosh Drive  
Poughkeepsie, NY 12603

Serial No. 09/654,776 09/05/00

HSIEH, C.T., et al.

A METHOD TO INCREASE THE COUPLING  
RATION OF WORD LINE TO FLOATING GATE  
BY LATERAL COUPLING IN STACKED-GATE  
FLASH

Group Art Unit: 2811 LOKE, S.

RESPONSE FINAL OFFICE ACTION

Dear Sir:

In response to the Office Action dated 10/03/01, please amend the above  
identified application for patent as follows:

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States  
Postal Service as first class mail in an envelope addressed to: Commissioner of Patent  
and Trademarks, Washington, DC 20231, on ~~December 31~~, 2001.

Signature

*Stephen B. Ackerman*, Reg #37,761

Date

12/31/01

AMENDMENT

The Commissioner is hereby authorized to charge payment of any additional fees involved with added Claims and the like to Deposit Account No. 19-0033.

IN THE TITLE

Please replace the existing title with the following title:

A STACKED-GATE FLASH MEMORY CELL WITH FOLDING FLOATING GATE  
AND INCREASED COUPLING RATIO

IN THE DRAWINGS

One replacement sheet marked in red for corrections for Fig. 1 is submitted for approval. Corrections are made to erroneously labeled reference characters to distinguish them from the labels in the subsequent Figures. No new matter added.

IN THE SPECIFICATION

On page 2, last paragraph has been amended as follows:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,724,036

DATED : 4/20/04

INVENTOR(S) : Chia-Ta Hsieh, Di-Son Kuo, Yai-Fen Lin, Chrong Jung Lin, Jong Chen,  
Hung-Der Su

It is certified that error appears in the above-identified patent and that said Letters Patent  
is hereby corrected as shown below:

On the Title page, it item (54), please add the word Floating to the Title so that it reads:  
--Stacked-Gate Flash Memory Cell With Folding Floating Gate And Increased Coupling  
Ratio--.

MAILING ADDRESS OF SENDER:

George O. Saile & Associates  
28 Davis Avenue  
Poughkeepsie, NY 12603

PATENT NO. 6,724,036

No. of additional copies



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

MAY 05 2004

DUPLICATE

PTO/SB/44 (02-01)

Approved for use through 01/31/2004. OMB 0651-0033

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO : 6,724,036

DATED : 4/20/04

INVENTOR(S) : Chia-Ta Hsieh, Di-Son Kuo, Yai-Fen Lin, Chrong Jung Lin, Jong Chen,  
Hung-Der Su

It is certified that error appears in the above-identified patent and that said Letters Patent  
is hereby corrected as shown below:

On the Title page, it item (54), please add the word Floating to the Title so that it reads:  
--Stacked-Gate Flash Memory Cell With Folding Floating Gate And Increased Coupling  
Ratio--.

MAILING ADDRESS OF SENDER:

George O. Saile & Associates  
28 Davis Avenue  
Poughkeepsie, NY 12603

PATENT NO. 6,724,036

No. of additional copies



Burden Hour Statement: This form is estimated to take 1.0 hour to complete. Time will vary depending upon the needs of the individual case. Any comment on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

MAY 05 2004